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Date: September 3, 2002

By:

Carol A. See

Carol A. See

PATENT

Docket No. GC648-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of

Dunn-Coleman et al.

Serial No.: 09/991,209

Filed: November 16, 2001

For: Manipulation of the Phenolic Acid Content and)
Digestibility of Plant Cell Walls by Targeted)
Expression of Genes Encoding Cell Wall)
Degrading Enzymes)

Group Art Unit: 1645

Examiner: Unassigned

Information Disclosure Statement

Commissioner for Patents
Washington, DC 20231

Sir:

Applicants submit herewith patents, publications or other information (listed on the attached Form PTO-1449 and attached thereto) of which they are aware, that they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

This Information Disclosure Statement:

(a) ☐ accompanies the new patent application submitted herewith. 37 CFR §1.97(a).

(b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry into the national stage of a PCT application as set forth in 37 CFR §1.491.

(c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.

(d) ☐ is filed after the first Office Action and more than three months after the

application filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180.00) set forth in 37 CFR §1.17(p) or a certification as specified in 37 CFR §1.97(e), as checked below. Authorization to charge Deposit Account No. 07-1048 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement is provided in the Transmittal Letter submitted herewith in duplicate.

(e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by authorization (in the Transmittal Letter submitted herewith in duplicate) to charge Deposit Account No. 07-1048 the fee (\$180.00) set forth in 37 CFR §1.17(l)(1) and a certification as specified in 37 CFR §1.97(e), as checked below. **This document is to be considered as a petition requesting consideration of the Supplemental Information Disclosure Statement.**

[If either of boxes (d) or (e) is checked above, the following "certification" under 37 CFR §1.97(e) may need to be completed.] The undersigned certifies that:

☐ Each item of information contained in the Information Disclosure Statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ No item of information contained in this Information Disclosure Statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

A copy of the items on Form PTO-1449 is supplied: PCT International Search Report for PCT/US 01/43588, filed November 16, 2001 with attached patents and publications.

☒ each ☐ none ☐ only those listed below:

Those patent(s) or publication(s) which are marked with an asterisk (*) on the attached Form PTO-1449 are not supplied because they were previously cited by or submitted to the Office in a prior application, Serial No. _____ filed _____, and relied upon in this application for an earlier filing date under 35 USC 120.

A concise explanation of relevance of the items listed on PTO-1449 is:

☒ not given

- ☐ given for each listed item
- ☐ given for only non-English language listed item(s)
- ☐ in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

The Examiner is reminded that a "concise explanation of the relevance" of the submitted prior art "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention." MPEP §609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR §1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR §1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.98 and MPEP §609 and the Examiner is respectfully requested to consider the listed references.

Respectfully submitted,

Date: *Sept 3, 2002*

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Attorney Docket No.: GC648-2	Serial No.: 09/991	SEP 11 2002
Applicant: Dunn-Coleman et al.		
Filing Date: November 16, 2001	Group: 1645	TECH CENTER 1600/2900
Page 1 of 1	Date of this Submission: September 3, 2002	

US PATENT DOCUMENTS

Examiner's	Document				Sub-	Filing
Initial	Number	Date	Name	Class	Class	Date
	6,143,543	11/7/00	Michelsen et al.			

FOREIGN PATENT DOCUMENTS

Examiner's	Document				Sub-	Translation
Initial	Number	Date	Country	Class	Class	Yes/N

OTHER DOCUMENTS

COPY OF PAPERS

ORIGINALLY FILED

Examiner's	
Initials	Author, Title, Date, Pertinent Pages, etc.
	De Vries, R. P. et al., "The faeA genes from Aspergillus niger and Aspergillus tubingensis encode ferulic acid esterases involved in degradation of complex cell wall polysaccharides," Applied and Environmental Microbiology, vol. 63, no. 12, December 1997 pp. 4638-4644, XP002203731
	Garcia-Conesa, Maria-Teresa et al., "A cinnamoyl esterase from Aspergillus niger can break plant cell wall cross-links without release of free diferulic acids." European Journal of Biochemistry, vol. 266, no. 2, December 1999, pp. 644-652, XP002203732
	Copy of PCT International Search Report

Examiner	Date Considered

Examiner: Initial if reference considered, whether or not citation is in compliance with MPEP 609; draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.

PTO-1449